

# RECEIVED

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## RAW SEQUENCE LISTING

DATE: 11/04/2003

PATENT APPLICATION: US/09/424,091E

TIME: 09:48:06

Input Set : A:\35001366.ST25.txt

Output Set: N:\CRF4\11032003\I424091E.raw

3 <110> APPLICANT: Kay, Richard A.  
 5 <120> TITLE OF INVENTION: Immunological Method  
 7 <130> FILE REFERENCE: 350013-66  
 9 <140> CURRENT APPLICATION NUMBER: 09/424,091E  
 10 <141> CURRENT FILING DATE: 2000-02-23  
 12 <150> PRIOR APPLICATION NUMBER: GB9710820.3  
 13 <151> PRIOR FILING DATE: 1997-05-27  
 15 <160> NUMBER OF SEQ ID NOS: 47  
 17 <170> SOFTWARE: PatentIn version 3.2  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 20  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Artificial  
 24 <220> FEATURE:  
 25 <223> OTHER INFORMATION: Oligonucleotide  
 27 <400> SEQUENCE: 1  
 28 catcagaagc agagatctcc  
 31 <210> SEQ ID NO: 2  
 32 <211> LENGTH: 20  
 33 <212> TYPE: DNA  
 34 <213> ORGANISM: Artificial  
 36 <220> FEATURE:  
 37 <223> OTHER INFORMATION: Oligonucleotide  
 39 <400> SEQUENCE: 2  
 40 gatgtcaagc tggctcgagaa  
 43 <210> SEQ ID NO: 3  
 44 <211> LENGTH: 18  
 45 <212> TYPE: DNA  
 46 <213> ORGANISM: Artificial  
 48 <220> FEATURE:  
 49 <223> OTHER INFORMATION: 5' PCR Primer  
 51 <400> SEQUENCE: 3  
 52 ctgaggtgca actactca  
 55 <210> SEQ ID NO: 4  
 56 <211> LENGTH: 24  
 57 <212> TYPE: DNA  
 58 <213> ORGANISM: Artificial  
 60 <220> FEATURE:  
 61 <223> OTHER INFORMATION: 5' PCR Primer  
 63 <400> SEQUENCE: 4  
 64 gtgttcccag agggagccat tgcc  
 67 <210> SEQ ID NO: 5  
 68 <211> LENGTH: 21

## ENTERED

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69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial
72 <220> FEATURE:
73 <223> OTHER INFORMATION: 5' PCR Primer
75 <400> SEQUENCE: 5
76 ggtgaacagt caacagggag a 21
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 21
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial
84 <220> FEATURE:
85 <223> OTHER INFORMATION: 5' PCR Primer
87 <400> SEQUENCE: 6
88 acaagcatta ctgtactcct a 21
91 <210> SEQ ID NO: 7
92 <211> LENGTH: 18
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial
96 <220> FEATURE:
97 <223> OTHER INFORMATION: 5' PCR Primer
99 <400> SEQUENCE: 7
100 ggccctgaac attcagga 18
103 <210> SEQ ID NO: 8
104 <211> LENGTH: 20
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial
108 <220> FEATURE:
109 <223> OTHER INFORMATION: 5' PCR Primer
111 <400> SEQUENCE: 8
112 gtcactttct agcctgctga 20
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 21
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial
120 <220> FEATURE:
121 <223> OTHER INFORMATION: 5' PCR Primer
123 <400> SEQUENCE: 9
124 aggagccatt gtccagataa a 21
127 <210> SEQ ID NO: 10
128 <211> LENGTH: 22
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial
132 <220> FEATURE:
133 <223> OTHER INFORMATION: 5' PCR Primer
135 <400> SEQUENCE: 10
136 ggagagaatg tggagcagca tc 22
139 <210> SEQ ID NO: 11
140 <211> LENGTH: 21
141 <212> TYPE: DNA

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142 <213> ORGANISM: Artificial
144 <220> FEATURE:
145 <223> OTHER INFORMATION: 5' PCR Primer
147 <400> SEQUENCE: 11
148 atctcagtgcttggataat a 21
151 <210> SEQ ID NO: 12
152 <211> LENGTH: 24
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial
156 <220> FEATURE:
157 <223> OTHER INFORMATION: 5' PCR Primer
159 <400> SEQUENCE: 12
160 acccagctgg tggagcagag ccct 24
163 <210> SEQ ID NO: 13
164 <211> LENGTH: 21
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial
168 <220> FEATURE:
169 <223> OTHER INFORMATION: 5' PCR Primer
171 <400> SEQUENCE: 13
172 agaaagcaag gaccaagtgt t 21
175 <210> SEQ ID NO: 14
176 <211> LENGTH: 24
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial
180 <220> FEATURE:
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183 <400> SEQUENCE: 14
184 cagaaggttaa ctcaagcgca gact 24
187 <210> SEQ ID NO: 15
188 <211> LENGTH: 19
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial
192 <220> FEATURE:
193 <223> OTHER INFORMATION: 5' PCR Primer
195 <400> SEQUENCE: 15
196 gcttatgaga acactgcgt 19
199 <210> SEQ ID NO: 16
200 <211> LENGTH: 20
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial
204 <220> FEATURE:
205 <223> OTHER INFORMATION: 5' PCR Primer
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208 gcagcttccc ttccagcaat 20
211 <210> SEQ ID NO: 17
212 <211> LENGTH: 20
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial

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217 <223> OTHER INFORMATION: 5' PCR Primer
219 <400> SEQUENCE: 17
220 agaacctgac tgcccaggaa 20
223 <210> SEQ ID NO: 18
224 <211> LENGTH: 21
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial
228 <220> FEATURE:
229 <223> OTHER INFORMATION: 5' PCR Primer
231 <400> SEQUENCE: 18
232 catctccatg gactcatatg a 21
235 <210> SEQ ID NO: 19
236 <211> LENGTH: 19
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial
240 <220> FEATURE:
241 <223> OTHER INFORMATION: 5' PCR Primer
243 <400> SEQUENCE: 19
244 gactatacta acagcatgt 19
247 <210> SEQ ID NO: 20
248 <211> LENGTH: 18
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial
252 <220> FEATURE:
253 <223> OTHER INFORMATION: 5' PCR Primer
255 <400> SEQUENCE: 20
256 tgtcaggcaa tgacaagg 18
259 <210> SEQ ID NO: 21
260 <211> LENGTH: 26
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Antisense 3' PCR Primer
267 <400> SEQUENCE: 21
268 aataggtcga gacacttgct actgga 26
271 <210> SEQ ID NO: 22
272 <211> LENGTH: 29
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Antisense mid PCR Primer
279 <400> SEQUENCE: 22
280 cttgtcactg gatttagatc tctcagctg 29
283 <210> SEQ ID NO: 23
284 <211> LENGTH: 30
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial
288 <220> FEATURE:

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289 <223> OTHER INFORMATION: Antisense 5' PCR Primer
291 <400> SEQUENCE: 23
292 gtacacggca gggtcagggt tctggatatt 30
295 <210> SEQ ID NO: 24
296 <211> LENGTH: 30
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial
300 <220> FEATURE:
301 <223> OTHER INFORMATION: 5' PCR Primer
303 <400> SEQUENCE: 24
304 aagagagagc aaaaggaaac attcttgaac 30
307 <210> SEQ ID NO: 25
308 <211> LENGTH: 30
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial
312 <220> FEATURE:
313 <223> OTHER INFORMATION: 5' PCR Primer
315 <400> SEQUENCE: 25
316 gctgcaaggc cacatacgag caaggcgctcg 30
319 <210> SEQ ID NO: 26
320 <211> LENGTH: 30
321 <212> TYPE: DNA
322 <213> ORGANISM: Artificial
324 <220> FEATURE:
325 <223> OTHER INFORMATION: 5' PCR Primer
327 <400> SEQUENCE: 26
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331 <210> SEQ ID NO: 27
332 <211> LENGTH: 30
333 <212> TYPE: DNA
334 <213> ORGANISM: Artificial
336 <220> FEATURE:
337 <223> OTHER INFORMATION: 5' PCR Primer
339 <400> SEQUENCE: 27
340 ctgaggccac atatgagagt ggatttgatca 30
343 <210> SEQ ID NO: 28
344 <211> LENGTH: 30
345 <212> TYPE: DNA
346 <213> ORGANISM: Artificial
348 <220> FEATURE:
349 <223> OTHER INFORMATION: 5' PCR Primer
351 <400> SEQUENCE: 28
352 cagagaaaca aaggaaactt ccctgggtcga 30
355 <210> SEQ ID NO: 29
356 <211> LENGTH: 30
357 <212> TYPE: DNA
358 <213> ORGANISM: Artificial
360 <220> FEATURE:
361 <223> OTHER INFORMATION: 5' PCR Primer

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/424,091E

DATE: 11/04/2003  
TIME: 09:48:07

Input Set : A:\35001366.ST25.txt  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27  
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/424,091E

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Input Set : A:\35001366.ST25.txt

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